

IN THE CLAIMS

WHAT IS CLAIMED IS:

1. (Amended) A veterinary composition for the treatment of animal pruritis comprising:
a) a therapeutically effective amount of at least one polypeptide with a terminal sequence
KPV (SEQ ID NO:1); and

b) a shampoo

a¹⁸ 2. (Amended) The veterinary composition of claim 1 wherein the at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1) is selected from a group consisting of KPV, VPK-Ac-CC- Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

4. (Amended) A method of treating animal pruritis comprising:
a) administration of a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1); and

a¹⁹ b) administration via a shampoo

5. (Amended) The method of claim 4 wherein the at least one polypeptide with a terminal sequence KPV is selected from a group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

7. (Amended) A veterinary composition for the treatment of animal pruritis comprising:
a) a therapeutically effective amount of at least one polypeptide with a terminal sequence
KPV (SEQ ID NO:1);

a²⁰

- b) a shampoo; and
- c) a therapeutically effective amount of an anti-inflammatory agent.

8. (Amended) The veterinary composition of claim 7 wherein the at least one polypeptide is selected from the group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

14. (Amended) A method of treatment of animal pruritis comprising:

a) an administration of a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);

b) an administration of a therapeutically effective amount of an anti-inflammatory agent;

and

c) an administration of a shampoo.

15. The method of treatment in claim 14 wherein the at least one polypeptide with an terminal sequence KPV is selected from a group consisting KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

21. (Amended) A veterinary composition for the treatment of animal pruritis comprising:

a) a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);

b) a shampoo; and

c) a therapeutically effective amount of an antibiotic.

a²² 22. (Amended) The veterinary composition of claim 22 wherein the at least one polypeptide is selected from the group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

25. (Amended) A method of treatment of pruritis in animals consisting of:

a) administration of a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);

b) administration a shampoo; and

c) administration of a therapeutically effective amount of an antibiotic.

a²³ 26. (Amended) The method of treatment of claim 26 wherein the at least one polypeptide is selected from the group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

29. (Amended) A veterinary composition for the treatment of animal pruritis comprising:

a) a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);

b) a shampoo; and

c) a therapeutically effective amount of an antifungal.

a²⁴ 30. (Amended) The veterinary composition of claim 30 wherein the at least one polypeptide is selected from the group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.

33. (Amended) A method of treatment of pruritis in animals consisting of:

a) administration of a therapeutically effective amount of at least one polypeptide with a terminal sequence KPV (SEQ ID NO:1);

b) administration a shampoo; and

c) administration of a therapeutically effective amount of an antifungal.

Q²⁵ 34. (Amended) The method of treatment of claim 34 wherein the at least one polypeptide is selected from the group consisting of KPV (SEQ ID NO:1), VPK-Ac-CC-Ac-KPV, HFRWGKPV (SEQ ID NO:3), SYSMEHFRWGKPV (SEQ ID NO:4), or a biologically functional equivalent of any of the foregoing.
